

1600

CRF Errors Corrected by the STIC Systems Branch.

Serial Number: 09/445,788A

CRF Processing Date:

Edited by:

Verified by:

8/14/2003

(STIC staff)

ENTERED**RECEIVED** Changed a file from non-ASCII to ASCII Changed the margins in cases where the sequence text was wrapped down to the next line. Edited a format error in the Current Application Data section, specifically:

MAY 22 2003

 Edited the Current Application Data section with the actual current number. The number included in the applicant was the prior application data; or other _____ TECH CENTER 1600/2900 Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____ Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____ Other: _____



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/445,788A

DATE: 05/14/2003

TIME: 12:00:15

Input Set : A:\PTO.AMC.txt
 Output Set: N:\CRF4\05142003\I445788A.raw

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3 <110> APPLICANT: Cantab Pharmaceuticals Research Limited
4     Baldwin, Thomas J
5     Borriello, Peter S
6     Palmer, Helen M
8 <120> TITLE OF INVENTION: Live Attenuated Vaccines
10 <130> FILE REFERENCE: 5673-53922
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/445,788A
C--> 12 <141> CURRENT FILING DATE: 2000-01-06
12 <160> NUMBER OF SEQ ID NOS: 18
14 <170> SOFTWARE: PatentIn version 3.1
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 31
18 <212> TYPE: DNA
19 <213> ORGANISM: Artificial sequence
21 <220> FEATURE:
22 <223> OTHER INFORMATION: primer
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30 <212> TYPE: DNA
31 <213> ORGANISM: Artificial sequence
33 <220> FEATURE:
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54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: primer
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/445,788A

DATE: 05/14/2003

TIME: 12:00:15

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\05142003\I445788A.raw

65 <211> LENGTH: 24
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79 <213> ORGANISM: Artificial sequence
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89 <211> LENGTH: 27
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103 <213> ORGANISM: Artificial sequence
105 <220> FEATURE:
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112 <210> SEQ ID NO: 9
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126 <212> TYPE: DNA
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132 <400> SEQUENCE: 10
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136 <210> SEQ ID NO: 11
137 <211> LENGTH: 24

RAW SEQUENCE LISTING DATE: 05/14/2003
PATENT APPLICATION: US/09/445,788A TIME: 12:00:15

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\05142003\I445788A.raw

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142 <223> OTHER INFORMATION: primer
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149 <211> LENGTH: 25
150 <212> TYPE: DNA
151 <213> ORGANISM: Artificial sequence
153 <220> FEATURE:
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163 <213> ORGANISM: Artificial sequence
165 <220> FEATURE:
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177 <220> FEATURE:
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189 <220> FEATURE:
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192 <400> SEQUENCE: 15
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199 <213> ORGANISM: Artificial sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: primer
204 <400> SEQUENCE: 16
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208 <210> SEQ ID NO: 17
209 <211> LENGTH: 23
210 <212> TYPE: DNA

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/445,788A

DATE: 05/14/2003

TIME: 12:00:15

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\05142003\I445788A.raw

211 <213> ORGANISM: Artificial sequence

213 <220> FEATURE:

214 <223> OTHER INFORMATION: primer

216 <400> SEQUENCE: 17

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221 <211> LENGTH: 24

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223 <213> ORGANISM: Artificial sequence

225 <220> FEATURE:

226 <223> OTHER INFORMATION: primer

228 <400> SEQUENCE: 18

229 cgcagcagga attcccg 24

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/445,788A

DATE: 05/14/2003

TIME: 12:00:16

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\05142003\I445788A.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date



1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/445,788A

DATE: 05/14/2003
TIME: 08:08:57

Input Set : A:\5673-53922.ST25.txt
Output Set: N:\CRF4\05142003\I445788A.raw

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3 <110> APPLICANT: Cantab Pharmaceuticals Research Limited
4      Baldwin, Thomas J
5      Borriello, Peter S
6      Palmer, Helen M
8 <120> TITLE OF INVENTION: Live Attenuated Vaccines
10 <130> FILE REFERENCE: 5673-53922
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/445,788A
C--> 12 <141> CURRENT FILING DATE: 2000-01-06
12 <160> NUMBER OF SEQ ID NOS: 18
14 <170> SOFTWARE: PatentIn version 3.1

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ERRORED SEQUENCES

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220 <210> SEQ ID NO: 18
221 <211> LENGTH: 24
222 <212> TYPE: DNA
223 <213> ORGANISM: Artificial sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: primer
228 <400> SEQUENCE: 18
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**Does Not Comply
Corrected Diskette Needed**

24

delete

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/445,788A

DATE: 05/14/2003

TIME: 08:08:58

Input Set : A:\5673-53922.ST25.txt

Output Set: N:\CRF4\05142003\I445788A.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:235 M:254 E: No. of Bases conflict, this line has no nucleotides.